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| SAFETY BASIS FOR INTEC PROCESS EQUIPMENT WASTE SYSTEM | | | Identifier: LST-110 Revision: 8 Page: 1 of 3 |
| INTEC | List | For Additional Info: http://EDMS | Effective Date: 06/02/03 |
| Manual: | | | DAR Number: <u>101879</u> |

**Safety Basis List for
INTEC Process Equipment Waste System**

1. Safety basis documents for the INTEC Process Equipment Waste System are contained in Idaho Nuclear Technology and Engineering Center Plant Safety Document (PSD) sections, Technical Standards (TS), Technical Requirements (TRQ), the Basis for Interim Operation (BIO), and the INEEL Standardized Safety Analysis Report (SAR) Chapters and Technical Safety Requirements (TSR), as listed in Table 1.
2. Hazard Category 2 per INTEC Basis for Interim Operation, SAR-147. See also MCP-2446.
3. Other documents affecting the implementation of the facility safety basis – none.
4. Unreviewed Safety Questions –
00-USQ-4.2-001E, “WL-111 Configuration”

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**Table 1. Safety Basis Documents for INTEC Process Equipment Waste System
(current revision*)**

| Document Identifier | Document Title |
|---------------------|--|
| SAR-100 | INEEL Standardized Safety Analysis Report (SAR) Chapters |
| TSR-100 | INEEL Standardized Technical Safety Requirements (TSR) Document |
| SAR-147 | INTEC Basis for Interim Operation |
| PSD 4.2 | Aqueous Liquid Waste Management |
| — | Safety Evaluation for the WL-111 PEW Bottoms Tank Isolation |
| PSD 8.9 | Hazardous Chemical/Radioactive Waste Facility Auditable Safety Analysis Report |
| TS 4.1E1 | INTEC Equipment Requiring Alternate Electrical Power |
| TS 4.2A2 | Temperature Limits for PEW Evaporators |
| TS 4.2A4 | Criticality Prevention in the PEW Evaporators |
| TS 4.2A5 | Criticality Prevention in WL-101 |
| TS 4.2A6 | Operating Criteria for CPP-601 PEW Tanks |
| TS 4.2B2 | Group I Instruments - CPP-601 PEW Tanks |
| TS 4.2B3 | Group I Instruments - CPP-604 Waste Tanks |
| TS 4.2B4 | Group I Instruments - PEW Evaporator |
| TS 4.2C1 | Sampling Requirements for CPP-601 PEW Tanks, West Side Warm Waste Collection Tank, WL-104, and Liquid Radioactive Wastes from other INEL Areas |
| TS 4.2C2 | Verification of CPP-601 PEW Tank Heel or Isolation |
| 4.2TRQ-4 | CPP-601 PEW Tanks |

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| Document Identifier | Document Title |
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| TS 10E1.2 | Staffing Requirements for Qualified/Certified Personnel at ICPP Facilities |
| TS 10E3.3 | Criticality Control of Fissile Materials |
| TS 10E3.4 | Control of Chemical Additions |
| TS 10E3.5 | Chemical Analysis Quality Control Program |
| TS 10E3.8 | Transfer of Decontamination Solutions-Criticality Safety |
| TS 10E5 | Technical Specification/Standard Violation |
| 10TRQ-1 | Control of Chemical Compositions |
| TS 15A1 | Aqueous Uranium Concentration Limit for Large Diameter Tanks |
| TS 15B1 | Protection Against Inadvertent Transfers |
| TS 15B2 | Group I Instruments-Operability |
| TS 15C1 | Category I Devices and Controls |
| TS 15C2 | Group I Instruments |

* A copy of the latest revision may be found at the Electronic Document Management System (EDMS) site on the INEEL intranet home page, and/or in the controlled document sets.